

## Activity Data Inputs used in S.F. Bay Area-EMFAC 2000

### Total On-Road VMT estimates by county (CY2006)

Alameda	35,205,000
Contra Costa	26,701,000
Marin	7,197,000
Napa	3,443,000
San Francisco	13,129,000
San Mateo	22,835,000
Santa Clara	47,336,000
Solano	7,403,000
Sonoma	10,215,000
Total Air Basin	173,464,000

### VMT-Speed Distributions by county\* (CY2006)

Off-Peak Periods	Speed Bins (mph)												
	5	10	15	20	25	30	35	40	45	50	55	60	65
Alameda	0.000%	0.009%	0.036%	0.226%	2.050%	9.328%	7.223%	5.891%	1.416%	1.386%	0.569%	28.765%	43.099%
Contra Costa	0.000%	0.000%	0.000%	0.083%	0.742%	9.055%	8.550%	6.877%	0.817%	1.887%	2.034%	21.074%	48.882%
Marin	0.000%	0.000%	0.000%	0.019%	0.572%	5.195%	14.201%	4.745%	0.481%	0.336%	0.000%	11.709%	62.742%
Napa	0.000%	0.000%	0.000%	0.000%	0.000%	2.663%	18.707%	23.101%	0.000%	0.000%	37.006%	1.908%	16.614%
San Francisco	0.000%	0.132%	0.656%	2.870%	13.636%	23.143%	1.457%	0.394%	7.495%	3.018%	5.051%	41.990%	0.159%
San Mateo	0.000%	0.000%	0.000%	0.763%	2.470%	10.901%	9.245%	2.247%	4.176%	0.936%	0.459%	52.791%	16.013%
Santa Clara	0.000%	0.000%	0.005%	0.401%	1.283%	14.160%	4.380%	4.426%	5.973%	15.849%	0.863%	38.600%	14.059%
Solano	0.000%	0.000%	0.000%	0.000%	0.431%	3.434%	5.672%	9.437%	0.692%	3.285%	3.138%	1.118%	72.792%
Sonoma	0.000%	0.000%	0.000%	0.393%	0.297%	7.032%	15.410%	16.575%	1.021%	2.927%	1.855%	12.043%	42.448%

Peak Periods	Speed Bins (mph)												
	5	10	15	20	25	30	35	40	45	50	55	60	65
Alameda	0.243%	0.600%	0.394%	2.308%	4.308%	14.365%	14.163%	11.361%	8.870%	10.610%	11.709%	13.893%	7.175%
Contra Costa	0.087%	0.141%	0.463%	1.450%	5.112%	14.883%	16.369%	17.181%	7.208%	8.134%	8.845%	9.265%	10.862%
Marin	0.023%	0.746%	1.276%	2.106%	10.990%	9.041%	21.694%	6.970%	5.250%	12.038%	6.323%	14.709%	8.833%
Napa	0.000%	1.146%	1.417%	3.550%	0.064%	5.263%	18.825%	15.305%	0.000%	2.155%	40.335%	2.542%	9.398%
San Francisco	0.240%	3.664%	0.912%	11.799%	17.976%	25.775%	9.174%	6.030%	7.001%	5.833%	7.601%	3.993%	0.000%
San Mateo	0.041%	0.360%	0.416%	2.199%	3.790%	12.921%	11.579%	12.578%	14.676%	12.000%	16.766%	8.340%	4.334%
Santa Clara	1.060%	0.466%	0.749%	3.106%	4.039%	18.972%	7.587%	9.472%	11.189%	21.907%	6.994%	10.647%	3.811%
Solano	0.219%	0.044%	0.138%	2.775%	2.188%	6.439%	10.689%	9.593%	10.396%	14.894%	8.543%	16.537%	17.544%
Sonoma	0.063%	0.518%	1.906%	1.429%	6.033%	11.948%	15.566%	24.165%	8.936%	4.471%	6.840%	6.148%	11.977%

\*Light and medium duty vehicles only. Heavy duty vehicle VMT-speed distributions are based on instrumented vehicle studies, and were not changed from default values.

**Note:** Trip data are based on instrumented vehicle and survey data, and were not changed from default values.